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Attorney Docket No.: PATENT  
COOL-01400

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: 3743  
James Lovette et al. ) Examiner: Duong, Tho V.  
Serial No.: 10/612,241 ) **TRANSMITTAL LETTER**  
Filed: July 1, 2003 ) 162 North Wolfe Road  
For: **MULTI-LEVEL MICROCHANNEL** ) Sunnyvale, California 94086  
**HEAT EXCHANGERS** ) (408) 530-9700  
Customer Number 28960

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed please find an amendment and response to the office action mailed on April 5, 2005 including twelve (12) sheets of formal drawings for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: July 5, 2005

By: Thomas B. Haverstock  
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicants

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CERTIFICATE OF MAILING (37 CFR 1.6(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.

Date: 7-5-05 By: John D. Lunn

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07-08-2005

U.S. Patent & TMO/TM Mail Rcpt Dt. #64



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James Lovette et al.	)	Examiner: Duong, Tho V.
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Serial No.: 10/612,241	)	<b>AMENDMENT AND RESPONSE TO</b>
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Commissioner of Patents  
P.O. Box 1450  
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**AMENDMENTS**

Sir:

In response to the Office Action mailed on April 5, 2005, please amend the above-titled application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 12 and include attached sheets.

**Remarks/Arguments** begin on page 13 of this paper.

An **Appendix** including drawing figures is attached following page 19 of this paper.